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TECHNOLOGY CENTER R3700

Attorney's Docket No.: 13442-003001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Edward J. Kroliczek et al.      Art Unit : 3743  
Serial No. : 09/896,561      Examiner : N. Patel  
Filed : June 29, 2001  
Title : PHASE CONTROL IN THE CAPILLARY EVAPORATORS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE AND ELECTION OF  
ASSIGNEE TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTORS

The undersigned, as authorized representative of the assignee of the entire right, title and interest in the above-identified application, hereby appoints

|                      |                 |
|----------------------|-----------------|
| W. Karl Renner       | Reg. No. 41,265 |
| Diana DiBerardino    | Reg. No. 45,653 |
| David R. Francescani | Reg. No. 25,159 |
| Scott R. Boalick     | Reg. No. 42,337 |
| Harold H. Fox        | Reg. No. 41,498 |
| John F. Hayden       | Reg. No. 37,640 |
| Joseph F. Key        | Reg. No. 44,827 |
| Gregory A. Walters   | Reg. No. 41,366 |

as its attorneys to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR §3.71 *et seq.* of the Patent Office Rules of Practice.


Ownership is in the assignee by virtue of the assignment documents filed on **insert filing date of assignment(s)**. The documents evidencing ownership have been reviewed and to the best of the assignee's knowledge and belief, title is in the assignee.

Please direct all communications regarding the application to the attorney at the address and telephone numbers indicated below.

Diana DiBerardino  
FISH & RICHARDSON P.C.  
1425 K Street, N.W.  
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Telephone: (202) 783-5070  
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Signature:   
Typed name: Arthur I. Leaderman  
Title: Secretary/General Counsel  
Assignee: Swales & Associates, Inc.

DZD/etw

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## ASSIGNMENT

For valuable consideration, we, EDWARD J. KROLICZEK of 732 Chickamauga Drive Davidsonville, MD 21035, DAVID A. WOLF, SR. of 25 Woodmans Court Baltimore, MD 21221, JAMES SEOKGEUN YUN of 2202 Falling Creek Road Silver Spring, MD 20904, hereby assign to:

Swales & Associates, Inc., a corporation of Delaware having a place of business at:

5050 Power Mill Road  
Beltsville, Maryland 20705; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PHASE CONTROL IN THE CAPILLARY EVAPORATORS, filed June 29, 2001, and assigned U.S. Serial Number 09/896,561, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

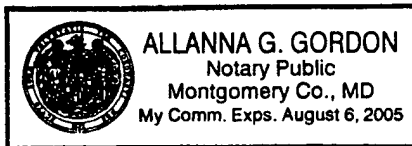
IN WITNESS WHEREOF, I hereto set my hand and seal at BELTSVILLE, MD,  
this 17<sup>th</sup> day of NOVEMBER, 20 03  
Edward J. Kroliczek L.S.  
EDWARD J. KROLICZEK

State of Maryland :

: ss.

County of Prince George's :

Before me this 17<sup>th</sup> day of November, 20 03, personally  
appeared EDWARD J. KROLICZEK known to me to be the person whose name is subscribed  
to the foregoing Assignment and acknowledged that he executed the same as his free act and  
deed for the purposes therein contained.



[Notary's Seal Here]

Allanna Gordon  
Notary Public  
My Commission Expires: August 6, 2005

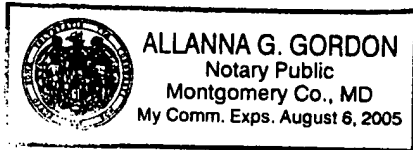
IN WITNESS WHEREOF, I hereto set my hand and seal at Baltimore MD,  
this 17 day of November, 2003  
David A. Wolf, Sr. L.S.  
DAVID A. WOLF, SR.

State of Maryland :

: ss.

County of Prince Georges :

Before me this 17<sup>th</sup> day of November, 2003, personally  
appeared DAVID A. WOLF, SR. known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.



Allanna Gordon  
Notary Public  
My Commission Expires: August 6, 2005

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Beltsville, MD,  
this 17 day of November, 2003

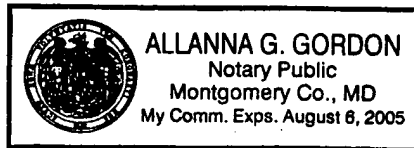
[Signature] L.S.  
JAMES SEOKGEUN YUN

State of Maryland :

: ss.

County of Prince George's :

Before me this 17<sup>th</sup> day of November, 2003, personally  
appeared JAMES SEOKGEUN YUN known to me to be the person whose name is subscribed  
to the foregoing Assignment and acknowledged that he executed the same as his free act and  
deed for the purposes therein contained.



[Signature]  
Notary Public

My Commission Expires: August 6, 2005

[Notary's Seal Here]

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